VIATION JAN. 25, 1954 WEEK 50 cm



on a transparent board as radar reports their positions. Plot the most famous Navy and Marine fighter planes as reported by history - " Grumman aircraft fill the board.

SUNDSTRAND Constant Speed Drives for new Douglas twin jet



Make passible the use of constant frequency are current on U.S. Air Force's new photo-reconnaissance plane...the Doualas RR66A



EXTREME COMPACTNESS



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Aviation Week Edmeiel Offices

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AVIATION WITE Assess 25 1954

MAGNESIUM, the world's lightest structural metal, helped Douglas engineers salve weight and strength problems



A SALUTE TO THE DC-7

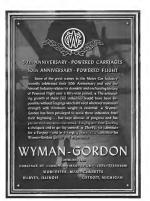
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The Aviation Week as others see us. Jonuary 25, 1954

A user tells how AFTCO SERVICE helped him

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INDUSTRY OBSERVER

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perident natural powerplants for the Secret of Automotive Empirers (Candidated in page 30) AVATION WIEL Joseph 25, 1954







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VOL 58 NO 6

55 Budget Reflects Airpower Stretchout

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AVIATION WEEK Mare Aircraft Over Lawrer Period · 84.7-billion request is Proposed Airpower Allocations for 1955 dightly less than '54. · New plane orders at oddswith buildup strategy. 25 Katherine Jahreen New maney asked for the Air Force A Nav's affocation of new money for

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ANATION WEEK Jurgest 25, 1994

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AF MiG Story Omits Altitude Superiority (McCow Eld World News)

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IAS Panel Forecasts

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Air Academy • 8175 million to be spent

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AVIATION WEEK, James 21, 1954



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R3Y Flight Signals New Seaplane Era

By William L. Gouchlin. Tradewind the first new signaft rates - minute failure, consen can be ready at duced during the second half pentury of one and flight revenued. Sta Direc. Cold aWhen the Next The RIYs builden believe this new lumbering Chapter that blood Pan port forestern and errorled traffic and corntror to House will the orders ar Isomoret aded the world's longs of alighty to provide unmetabed economic. comfort, venerality, dependability and speed-thear other salessest qualities can sent 80 or were persons or can be fin ted in 51 ft. 6 m whose on a beach Thinks to development of the high-Traffic Soletion-When Course

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ANATION WEEK January 25, 1956







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In flight, man has long since left sound behind at speeds that stupper the imprination. Tests and personation of these poperful engines, however, produce sound levels that man aimaly

Fored with this problem, the already industry turned quite naturally to Maxim, the pioneer and today's unprantioned leader in the science of allowing

The hartery of Maxim silencers above, installed on the production cells of one of the largest manufacturers of jet engines in the United States make this important testing nearlike in a

THE HOMESTAD AVENUE, HARPOND I, COMMICTIONS

THE MAXIM SHENCER COMPANY

Convair Answers on Sea-Based Jets

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Booch Aircroft Corporation, Wishina, Konson, U. S. A. Send Series LLANTON - LEAFLESS - USEY LAST - 150 Send - Novel 55 Senson - Hold St Senson - Andre St Senson Storages **MICRO Precision Switches** A penny's-width long, the MICRO Subminiature Switch

weighing but 1/15th of an ounce, meets exacting aircraft designs





Entire panel on which Callina Radio enoughs those—the utmost precision and reliability required in such 64 Micro submimeture reviewes measures had 116 The panel is enclosed in the Card Reader of the sensational new Collies Navigation System (Tyon NC 101) which enables a prior to fix a relevted course. The Micro Switches are actuated by belowin numbed cards-transferring referration from these cards to the computer. This is accomplished by the transfer of electrical impulses which tune the VIEF receivers submatically as the card is fed into the Card Reader. Engineers of Collins Radio Company shows Micro-

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Schools of justed equipment If weers is a design where absolute dependability pay you to know all about Micro submissibure 16 More Switch branch officer Let them show you

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AVIATION WILK, January 25, 1954



This is all you need to install AVIEN'S TWO-UNIT FUEL GAGE

You need no field calibration, no complicated data, and no "experts" to tout all this simplified system.

When it's time to install Avien's Two-Unit Paul Gogs, You won't need coliberation metruments, complex field data or amorable trained personnel. The Asset

sace will have been precently sted for your sixtraft, so consuming colibration on the flight-leve.

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With the reductry's need for smaller units - and Every morth, Avien produces over ten thousand If was haven't get incourred about the Two-Unit Gaps,

right now is the time to do so.



AVIATION CHOINCERING DIVISION SOLIS MONTHERN BOULEVARD, SPORDSHIDE, L. J. N. Y.

A NEW TERMINATION TECHNIQUE FOR . . .

· CONNECTOR PLUGS

· MELTI-CIRCUIT COMPONENTS . SIGNAL APPARATUS · PRINTED CIRCUITS

AMP ROUND* TAPER



AMP Taper pins, rolled from strip stock to for use in AMP Automatic Wire Terminators. First can be applied as fast as operator can

mininture size and self-locking action? To make electrical connections, signally gross AMP Tages most as small as the wire itself, yet when so curely inserted will mointain their connection even up to the point of wire failure. Sait seroy a maximum of 2.63 milliohens after 160 bours

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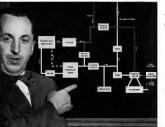
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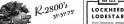
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